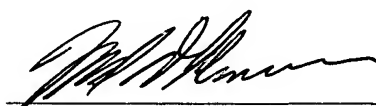


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| FORM PTO-1390 (REV 10-94) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 14565.2USWO |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.51) UNKNOWN 107500076 |
| INTERNATIONAL APPLICATION NO. PCT/CN02/00516 | INTERNATIONAL FILING DATE JULY 23, 2002 | PRIORITY DATE CLAIMED DECEMBER 24, 2001 | |
| TITLE OF INVENTION METHOD FOR BACKUP OF HOME LOCATION REGISTER | | | |
| APPLICANT(S) FOR DO/EO/US WANG et al. | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | |
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). <i>unsigned</i> 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | |
| Items 11. to 16. below concern document(s) or information included: | | | |
| 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | |
| 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | |
| 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND of SUBSEQUENT preliminary amendment. | | | |
| 14. <input type="checkbox"/> A substitute specification. | | | |
| 15. <input type="checkbox"/> A change of power of attorney and/or address letter. | | | |
| 16. <input checked="" type="checkbox"/> Other items or information: APPLICATION DATA SHEET (6 PAGES), INTERNATIONAL PUBLICATION PAGE OF WO 03/056756 A1, FORM PCT/IB/308, FORM PCT/ISA/210 and FORM PCT/ISA/220 (in Japanese language). | | | |

18 Rec'd PGT/PTO 23 JUN 2004

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|---|--------------------------------|---|--|---|---------------|
| U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) UNKNOWN 10/500076 | | INTERNATIONAL APPLICATION NO. PCT/CN02/00516 | | ATTORNEY'S DOCKET NUMBER 14565.2USWO | |
| 17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)): Search Report has been prepared by the EPO or JPO..... \$920.00 International preliminary examination fee paid to USPTO (37 CFR 1.492(a)(1))..... \$730.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$770.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(3)) paid to USPTO..... \$1080.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)..... \$100.00 | | | | CALCULATIONS PTO USE ONLY | |
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| ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | \$920.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$0.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 7 -20 = 0 | | X \$18.00 | \$0.00 | |
| Independent claims | 1 -3 = 0 | | X \$86.00 | \$0.00 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$290.00 | \$0.00 | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$920.00 | |
| Reduction by 1/2 for filing by small entity, if applicable. Small entity status is claimed pursuant to 37 CFR 1.27 | | | | \$0.00 | |
| SUBTOTAL = | | | | \$920.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + \$0.00 | |
| TOTAL NATIONAL FEE = | | | | \$920.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | + \$0.00 | |
| TOTAL FEES ENCLOSED = | | | | \$920.00 | |
| | | | | Amount to be: refunded | \$0.00 |
| | | | | charged | \$0.00 |
| a. <input checked="" type="checkbox"/> Check(s) in the amount of <u>\$920.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2725</u> . | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: MICHAEL D. SCHUMANN MERCHANT & GOULD P.O. Box 2903 Minneapolis, MN 55402-0903 | | | SIGNATURE:  NAME: MICHAEL D. SCHUMANN REGISTRATION NUMBER: 30,422 | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/500076

Applicant: WANG et al.

Docket: 14565.2USWO

DT04 Rec'd PCT/PTO 23 JUN 2004

Title: METHOD FOR BACKUP OF HOME LOCATION REGISTER

CERTIFICATE UNDER 37 CFR 1.10

'Express Mail' mailing label number: EV 408495422 US

Date of Deposit: JUNE 23, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: *Teresa Anderson*
Name: TERESA ANDERSON

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ National Stage PCT Patent Application: Spec. 8 pgs; 7 claims; Abstract 1 pgs.
The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 1 sheets of formal drawings
- ☒ An unsigned Combined Declaration and Power of Attorney
- ☒ A check in the amount of \$920.00 to cover the Filing Fee
- ☒ Application Data Sheet, 6 pages.
- ☒ Other: International Publication Page of WO 03/056756 A1, copy of the International Application as filed in Japanese language), Preliminary Amendment, Form PCT/IB/308, Form PCT/ISA/210 and Form PCT/ISA/220 (in Japanese language).
- ☒ Return postcard

CLAIMS AS FILED

| Number of Claims Filed | | In Excess of: | | Number Extra | | Rate | | Fee |
|------------------------------|---|---------------|---|--------------|---|-------|---|----------|
| Basic Filing Fee | | | | | | | | \$920.00 |
| Total Claims | | | | | | | | |
| 7 | - | 20 | = | 0 | x | 18.00 | = | \$0.00 |
| Independent Claims | | | | | | | | |
| 1 | - | 3 | = | 0 | x | 86.00 | = | \$0.00 |
| MULTIPLE DEPENDENT CLAIM FEE | | | | | | | | \$0.00 |
| TOTAL FILING FEE | | | | | | | | \$920.00 |

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
(612) 332-5300

By: *Michael D. Schumann*
Name: Michael D. Schumann
Reg. No.: 30,422
Initials: MDS:nel

23552

PATENT TRADEMARK OFFICE

(PTO TRANSMITTAL - NEW FILING)